55. A method of controlling a drive signal in an integrated power conversion control circuit nominally operating between minimum and maximum power transfer values, comprising:

controlling the drive signal in response to a feedback signal to regulate the power transfer between minimum and maximum power transfer values;

receiving an external control signal; and

suspending the power transfer in response to the external control signal.

56. The method of claim 55 wherein receiving the external control signal includes:

signaling a request to suspend the power transfer internally from the power conversion control circuit; and

receiving the request to suspend the power transfer externally from the power conversion control circuit.

Remarks

Claims 1-56 are pending in this application. New claims 21-56 have been added by this amendment. Applicants submit that new claims 21-56 do not represent the addition of new matter and that the added claims represent an effort to repair deficiencies in the U.S. patent which failed to claim all that we had a right to claim.

The specification of the issued patent discloses an embodiment beginning at column 6, line 54, and continuing to column 7, line 43. The embodiment describes a connection of a microprocessor, for example, to the power conversion integrated circuit 44 state pin 48. FIG. 4 displays a microprocessor interface switch circuit 100 for use with a state circuit 50 shown in FIG. 2 for controlling the operation of power supply 10 in FIG. 1. Thus, the specification sets forth an embodiment which allows external state control of the

operation of a power supply using a microprocessor interface switch circuit. The specification further sets forth a description of an embodiment, that would apprise those of ordinary skill in the art that the embodiment, in which an external microprocessor state control, for example, can be used in conjunction with the power conversion integrated circuit 44, to control power conversion. The microprocessor, for example, can be used, through the momentary closure of switch 108, to control when power supply 10 is turned on or off, over multiple switching cycles so that energy conservation can be implemented. Applicants submit that new claims 21-56 are fully supported by the specification of the issued patent.

CONCLUSION

If there are matters which can be discussed by telephone to further the prosecution of this Application, Applicant invites the Examiner to call the undersigned attorney/agent at the Examiner's convenience.

Respectfully submitted,
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